

## Analysis

**OD/361/3452/119471/386049/00015523 : PRESERVATION AND DEVELOPMENT OF AHAARA  
BANDHA AT VILLAGE POTALA  
Block : Kendujhar Sadar, Gram Panchayat : Sankiri  
Created By:Binod Chandra Panda**

### Item 1

**Special items for irrigation works (AR0216):** Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum size with all lifts and delifts including trimming of slopes and bed to design section and depositing the the excavated materials away from work site as per the specification and as directed by the Engineer-in-charge within an initial lead of 1km from the place of excavation complete. Per 1 cum.

Sub-Item of Work

**Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRMMR0065</b> : Add for trimming of slope and bed manually.	1	L.S.	1	1	0
<b>BRMMR0064</b> : Cost of transportation of all kind of spoil within initial lead of 1 km	1	Cum	43.89	43.89	0
<b>BRMMR0063</b> : Cost of excavation by mechanical means	1	Cum	25.65	25.65	0

<b>Total Amount (a+b+c)</b>	70.54
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	0.7054
<b>Grand Total</b>	71.2454
<b>Say For Unit 1 (Grand Total/1)</b>	71.2454

### Item 2

**Earth Work (AR0102aa):** Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge

Sub-Item of Work

**Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>LR002</b> : Female mulia	25.8	Per day	462	11919.6	0
<b>LR001</b> : Male mulia	25.8	Per day	462	11919.6	0

<b>Total Amount (a+b+c)</b>	23839.2
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	238.392
<b>Grand Total</b>	24077.592
<b>Say For Unit 1 (Grand Total/100)</b>	240.77592

### Item 3

**Earth Work (AR0115):** Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.

Sub-Item of Work

**Filling foundation and plinth with sand well watered and rammed**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM029</b> : Sand for filling and road blinding	100	1 Cum	55	5500	0
<b>LR002</b> : Female mulia	12.36	Per day	462	5710.32	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM029</b> : Sand for filling and road blinding	100	1 Cum	880.31	88031	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM029</b> : Sand for filling and road blinding	100	1 Cum	50.25	5025	0

<b>Total Amount (a+b+c)</b>	104266.32
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	1042.6632
<b>Grand Total</b>	105308.9832
<b>Say For Unit 1 (Grand Total/100)</b>	1053.089832

### Item 4

**Concrete (AR0303):** Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.

Sub-Item of Work  
**Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR025 : Mason	0.18	Per day	562	101.16	0
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	2.5	Per day	462	1155	0
BRM340 : Cement	2.29	1 Qntl.	541.68	1240.4472	347.325216
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	65	31.2	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	995.25	955.44	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	42.622	97.60438	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	880.31	422.5488	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	666.61	639.9456	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	50.25	24.12	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	424.5	407.52	0

<b>Total Amount (a+b+c)</b>	5721.78598
<b>Total GST (a)</b>	347.325216
<b>LABOUR CESS @ 1% (+)</b>	60.69111196
<b>Grand Total</b>	6129.80230796
<b>Say For Unit 1 (Grand Total/1)</b>	6129.80230796

**Item 5**

**Concrete (AR0307):** Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specifaicon and direction of Engineer-in charge.

Sub-Item of Work  
**Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>LR002</b> : Female mulia	1.4	Per day	462	646.8	0
<b>LR001</b> : Male mulia	3.2	Per day	462	1478.4	0
<b>LR025</b> : Mason	0.68	Per day	562	382.16	0
<b>BRM340</b> : Cement	3.23	1 Qntl.	541.68	1749.6264	489.895392
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	65	29.25	0
<b>BRM056</b> : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	1 Cum.	1370	1233	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.23	1 Qntl.	42.622	137.66906	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	880.31	396.1395	0
<b>BRM056</b> : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	1 Cum.	666.61	599.949	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.23	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	50.25	22.6125	0
<b>BRM056</b> : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	1 Cum.	424.5	382.05	0

**Total Amount (a+b+c)**

7057.65646

**Total GST (a)**

489.895392

**LABOUR CESS @ 1% (+)**

75.47551852

<b>Grand Total</b>	7623.02737052
<b>Say For Unit 1 (Grand Total/1)</b>	7623.02737052

**Ratikanta Lenka**  
**JE**  
**Kendujhar Sadar Block**

**Sabyasachi Pradhan**  
**AEE**  
**Kendujhar Sadar Block**

**Binod Chandra Panda**  
**BDO**  
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